**Christmas Maths Codebreaker 2 - Answers**

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| A | B | C | D | E | F | G | H | I | J | K | L | M |
| 12 | 2.5 | 6 | 48 | 4.5 | 120 | 50 | 20 | 9 | 40 | 8 | 100 | 60 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 10 | 750 | 150 | 45 | 200 | 30 | 3.5 | 210 | 64 | 25 | 36 | 5 | 75 |

Answer the Christmas questions below, link your answers to the table and reveal what Santa remembers about the night he met Mrs Claus:

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| The journey to my Christmas dinner venue lasted from 10.43am to 1.13pm. How many minutes was it? | I bought a 300g bag of sweets to share but ate of them on the way home. How many grams do I have left? | I’ve made some festive biscuits that are isosceles triangles. The equal angles are 40ᵒ. What is the size of the biggest angle? | I bought a watch for my partner. It was £250 but I had to initially pay a 40% deposit. How much was the deposit? | I have £15 for gifts left. I spend of it. How much do I have left? |
|  |  |  |  |  |
| P | U | L | L | I |
|  |  |  |  |  |
| I have a Christmas decoration that is a regular polygon with an exterior angle of 36ᵒ. How many sides does it have? | My chocolate coin has broken. I have 4 sectors of , , and degrees. What is the value of ? | I have a budget of £20. I’ve seen a festive chocolate that costs £1.60. How may can I buy with my £20? | I bought 3 of the same item with a £20 note. I received £2 change. How much was one item? | A circular mince pie has been divided into sectors with angles , , . How large is the biggest angle? |
|  |  |  |  |  |
| N | G | A | C | R |
|  |  |  |  |  |
| Liam, Mary and Neil share £40 in the ratio 2:3:5. How much does Mary get? | Half of my circular Christmas cake remains and has been cut into 30ᵒ degree sectors. How many pieces are there? | My dining table is a regular polygon and has interior angles of 135ᵒ. How many sides has my table got? | My turkey needs cooking for 30 mins per kg plus 20 minutes. I am cooking it for 2 hours 35 mins. How heavy is my turkey in kg? | A post-Christmas sale with 35% off is selling a jacket for £130. How much was the jacket before the sale? |
|  |  |  |  |  |
| A | C | K | E | R |